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CENTRAL FAX CENTER****MAY 23 2006****FAX TRANSMISSION****DATE:** May 23, 2006**PTO IDENTIFIER:** Application Number 10/623,576-Conf. #6545
Patent Number**Inventor:** Hao-Cheng CHEN et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (571) 273-8300**FROM:** BIRCH, STEWART, KOLASCH & BIRCH, LLP

Joe McKinney Muncy

PHONE: (703) 205-8026**Attorney Dkt. #:** 3722-0155P**PAGES (Including Cover Sheet):** 16**CONTENTS:** Amendment in Response to Non-Final Office Action (13 pages)
Amendment Transmittal (1 page)
Fax Cover Sheet (1 page)
Certificate of Transmission (1 page)

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MAY 23 2006

PTO/SB/87 (08-04)

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Application No. (if known): 10/623,576

Attorney Docket No.: 3722-0155P

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Amendment in Response to Non-Final Office Action (13 pages)

Amendment Transmittal (1 page)

Fax Cover Sheet (1 page)

Certificate of Transmission (1 page)

AMENDMENT TRANSMITTAL LETTER				Docket No. 3722-0155P	
Application No. 10/623,576-Conf. #6545		Filing Date July 22, 2003		Examiner J. R. Haley	
Applicant(s): Hao-Cheng CHEN et al.					
Invention: ADIP DEMODULATION METHOD AND APPARATUS				RECEIVED CENTRAL FAX CENTER MAY 23 2006	
MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450					
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	20	- 20 =		x	
Independent Claims	2	- 3 =		x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					0.00
<input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity					
<input checked="" type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>02-2448</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
<u>Joe McKinney Muncy</u> #41,458 Attorney Reg. No.: 32,334				Dated: <u>May 23, 2006</u>	
BIRCH, STEWART, KOLASCH & BIRCH, LLP 8110 Gatehouse Road Suite 100 East P.O. Box 747 Falls Church, Virginia 22040-0747 (703) 205-8026					

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MAY 23 2006

Docket No.: 3722-0155P
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Hao-Cheng CHEN et al.

Application No.: 10/623,576

Confirmation No.: 6545

Filed: July 22, 2003

Art Unit: 2653

For: ADIP DEMODULATION METHOD AND
APPARATUS

Examiner: J. R. Haley

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INTRODUCTORY COMMENTS

In reply to the Office Action dated February 23, 2006, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

This reply includes:

Amendments to the Specification;

Amendments to the Claims; and

Remarks.